

North Carolina Weather & Crops Report

Released: August 5, 2019



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CROP SUMMARY FOR THE WEEK ENDING AUGUST 4, 2019

DAYS SUITABLE FOR FIELD WORK

This Week	Last Week	Last Year	5-Year Avg.
5.9	6.1	2.4	4.9

SOIL MOISTURE PERCENT

	VS	ST	A	SS
Subsoil Moisture	3	35	60	2
Topsoil Moisture	5	42	51	2

VS= Very Short ST = Short A = Adequate SS = Surplus

CROP PROGRESS PERCENT – WITH COMPARISONS

	This Week	Last Week	Last Year	5 Yr. Avg.
PHENOLOGICAL:				
Corn Silking	99	93	99	98
Corn Dough	87	71	86	86
Corn Dented	58	36	53	60
Corn Mature	14	n/a	12	15
Cotton Squaring	98	93	97	96
Cotton Setting Bolls	83	70	68	76
Peanuts Pegging	96	86	95	94
Soybeans Blooming	62	45	68	68
Soybeans Setting Pods	38	26	42	41
HARVESTED:				
Apples	13	n/a	14	18
Corn for Silage	24	n/a	n/a	12
Hay: Second Cutting	78	72	65	68
Peaches	66	63	58	66
Tobacco: Flue-cured	17	11	20	22

CROP CONDITION PERCENT

	VP	P	F	G	EX
Apples	1	1	19	71	8
Corn	10	23	27	29	11
Cotton	3	12	26	54	5
Hay	0	5	30	60	5
Pasture	1	12	35	47	5
Peanuts	1	3	33	53	10
Sorghum	6	21	38	34	1
Soybeans	3	8	35	43	11
Sweet Potatoes	1	5	39	45	10
Tobacco: Flue-cured	2	11	35	46	6
Tobacco: Burley	0	9	49	42	0

VP = Very Poor P = Poor F = Fair G = Good EX = Excellent

Scattered showers across the county this week kept crops moving forward. Soybean yield potential is good to excellent in some fields. Army worm pressure in pastures is severe. Corn harvest began on short season varieties in mid-week.

Mark Seitz - Pender County Extension

Rutherford County received much needed rain this past week. Corn, soybeans, pasture and hay crops are looking good.

Janice Nicholson - Rutherford County

Need rain all crops struggling soybeans dropping pods. Tobacco being irrigated corn stressed.

Gary Cross – Person County Extension

Thunder showers have been frequent and spotty this week. Moisture is good where showers visited, getting dry elsewhere.

Steve Dillion – Henderson County

Spotty rains end of week, helped the northern and eastern two thirds of the county more than the southern end. All crops look good with planting date affecting soybeans to some extent.

Michael Yoder – Wake County Extension

Rainfall ranging from 0.7-1.5 inches provided some relief from heat and drought allowing to increase rate of harvest for tobacco. Too, the rainfall should enhance boll retention in cotton, pod development in soybeans and encourage additional vine growth in peanuts and sweet potatoes.

Mike Carroll - Craven County Extension

Recent rainfall has improved some crop conditions.

Tim Britton - Johnston County Extension

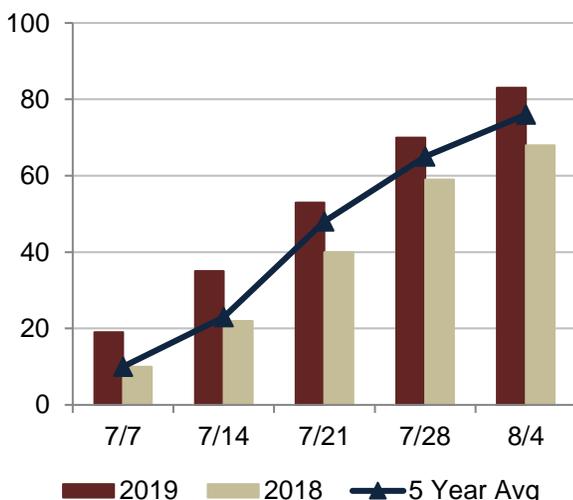
In Cleveland County, thunderstorms have been very sporadic. A few locations have caught rain and are doing ok, but very dry conditions have crept into parts of the county, with both corn and soybeans now showing signs of drought stress.

Stephen Bishop - Cleveland County Extension

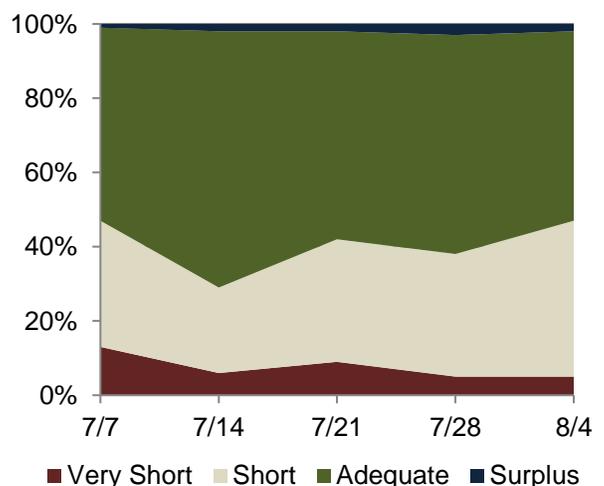
Scattered rains have brought some relief from dry soil conditions. Supplemental irrigation has been heavily used. Corn harvest is slowly starting for some with wide range of yields being reported.

Mac Malloy – Robeson County Extension

COTTON SETTING BOLLS PERCENT



TOPSOIL MOISTURE PERCENT



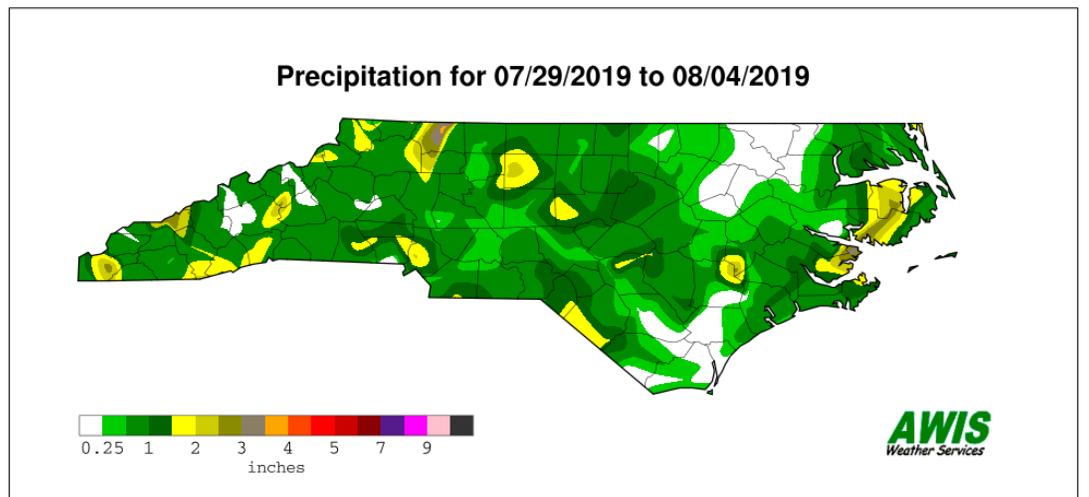
WEATHER SUMMARY FOR THE WEEK ENDING AUGUST 4, 2019 ¹

Location	Precipitation (Inches)				Temperature (Degrees F.)				
	This Week		Year to Date		This Week				
	Total	Departure from Normal	Total	Departure from Normal	High	Low	Avg.	Departure from Normal	Degree Days (YTD)
Asheboro Airport	0.26	-0.86	21.82	-6.48	90	65	77	-1	2888
Asheville Municipal	1.01	0.09	38.3	9.14	87	61	73	1	2514
Boone	1.26	0.15	37.47	4.71	81	55	68	1	1813
Burlington AP	0.78	-0.24	28.01	0.09	94	65	79	0	3232
Charlotte	2.09	1.25	33.16	6.94	94	66	79	0	3260
Clayton WTP	0.42	-0.66	34.26	6.09	95	63	77	-2	2999
Clinton_2NE	0.29	-1.26	25.52	-7.18	92	63	78	-1	3302
Elizabeth City	0.37	-0.7	30.04	0.96	91	67	79	1	3366
Elizabethtown_NC	0.07	-1.31	22.05	-7.66	95	64	80	1	3602
Erwin_AP	0.7	-0.49	25.86	-3.77	94	64	79	1	3369
Fayetteville_AP	0.38	-0.95	25.37	-3.21	96	66	80	1	3585
Frisco_2NNE	1.16	-0.21	34.72	3.17	92	71	80	1	3578
Gastonia-Gaston	0.05	-0.87	31.4	3	94	65	80	1	3314
Goldsboro_AFB	0.4	-0.86	25.71	-4.23	95	65	80	-1	3501
Greensboro_AP	2.33	1.44	35.2	8.85	91	66	78	0	2966
Greenville Airport	0.5	-0.87	24.18	-6.11	95	64	79	0	3341
Hickory	0.08	-0.76	23.61	-6.93	89	65	77	-1	2792
Jacksonville AP	0.18	-1.36	13.89	-18.06	93	59	78	-1	3459
Jacksonville_EOC	1.91	0.37	22.3	-9.65	94	60	78	-1	3465
Jefferson_2E	2.05	1.07	39.84	10.68	85	55	68	-1	1734
Kinston Airport	0.53	-0.66	22.01	-7.75	93	63	79	-2	3405
Louisburg	0.96	-0.14	35.23	7.59	93	62	77	0	3013
Maxton	1.47	0.24	25.83	-4.96	95	65	80	0	3579
Mt_Airy_2W	3.87	2.94	37.74	10.01	89	59	74	-1	2390
New_Bern	1.21	-0.35	24.4	-8.51	92	63	79	-1	3478
North_Wilkesboro	1.33	0.31	40.94	10.51	90	63	76	0	2671
Oxford_AP	0.16	-0.93	26.88	-0.17	89	62	75	-2	2624
Raleigh-Durham	1.32	0.44	28.63	2.32	95	66	79	1	3137
Reidsville_2NW	0.08	-0.9	32.45	5.02	90	65	77	0	2772
Roanoke_Rap_Dam	0	-1.12	29.6	1.44	95	66	79	1	3077
Robbinsville_AG	0.25	-0.94	56.19	16.38	85	61	72	-1	2223
Rockingham	0.82	-0.47	22.98	-7.43	92	66	78	0	3294
Roxboro Airport	0.74	-0.33	28.61	1.91	88	61	74	-2	2615
Southern_Pines	0.32	-0.8	25.03	-4	94	65	79	0	3322
Statesville_2NNE	0.88	0.04	34.15	6.25	90	63	76	-1	2720
Tarboro_1S	0.55	-0.57	23.23	-5.05	93	65	79	1	3228
Vale_Ag_2SW	0.46	-0.52	35.33	6.22	91	63	76	-1	2757
Wadesboro Airport	0.55	-0.6	24.48	-5.09	94	62	79	-1	3192
Washington_AP	0.39	-0.87	23.7	-6.2	92	64	78	0	3390
Waynesville_1E	0.78	-0.18	38.55	9.08	84	56	71	1	2043
Whiteville_7NW	0.25	-0.98	20.83	-10.62	93	61	78	-2	3386

¹ This data is made possible by AWIS Weather Services, Inc. <http://www.awis.com/>

PRECIPITATION SUMMARY

Map depicts accumulations through dates listed. This product is made possible by AWIS Weather Services, Inc. <http://www.awis.com/>

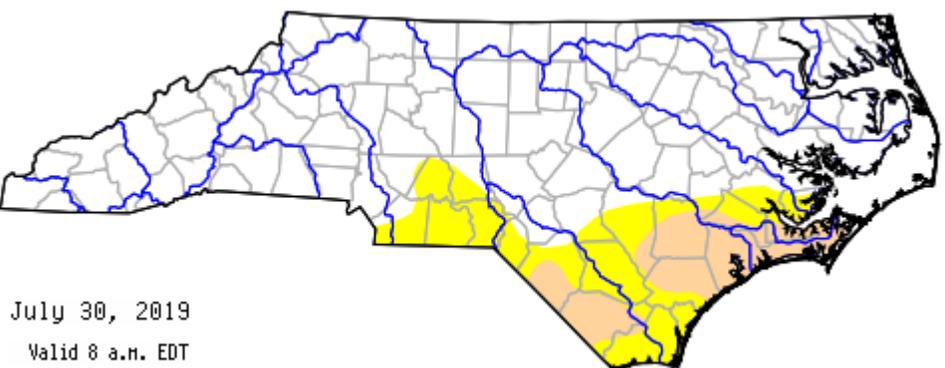


US DROUGHT MONITOR OF NORTH CAROLINA

The US drought monitor focuses on broad scale conditions. Information provided for North Carolina is relative to information provided from all other states and the North Carolina Drought Management Advisory Council. Local conditions may vary. <http://www.ncdrought.org/>

Drought Classifications

- D0 - Abnormally Dry
- D1 - Moderate Drought
- D2 - Severe Drought
- D3 - Extreme Drought
- D4 - Exceptional Drought



July 30, 2019
Valid 8 a.m. EDT

County Boundaries Major River Basins ([View Map](#))
S = Short-Term, typically <6 months (e.g. agriculture, grasslands)
L = Long-Term, typically >6 months (e.g. hydrology, ecology)